

Pat'd PCT

17 DEC 2004

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/518,938  
Source: PCT/10  
Date Processed by STIC: 1/10/05

# ***ENTERED***

Rar'd PC

17 DEC 2004



PCT

## RAW SEQUENCE LISTING

DATE: 01/10/2005

PATENT APPLICATION: US/10/518,938

TIME: 15:42:25

Input Set : A:\82368-18.app

Output Set: N:\CRF4\01102005\J518938.raw

```

3 <110> APPLICANT: Nakamura, Yusuke
4     Furukawa, Yoichi
5     Oncotherapy Science, Inc.
6     The University of Tokyo
8 <120> TITLE OF INVENTION: Method for Diagnosis of Colorectal Tumors
10 <130> FILE REFERENCE: 082368-001800US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/518,938
C--> 13 <141> CURRENT FILING DATE: 2004-12-17
15 <150> PRIOR APPLICATION NUMBER: US 60/389,994
16 <151> PRIOR FILING DATE: 2002-06-19
18 <150> PRIOR APPLICATION NUMBER: WO PCT/JP02/12760
19 <151> PRIOR FILING DATE: 2002-12-05
21 <160> NUMBER OF SEQ ID NOS: 21
23 <170> SOFTWARE: PatentIn version 3.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 27
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial
30 <220> FEATURE:
31 <223> OTHER INFORMATION: artificially synthesized primer sequence
33 <400> SEQUENCE: 1
34 tccctgttgt aatcaagaat aagacct                                27
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 25
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial
42 <220> FEATURE:
43 <223> OTHER INFORMATION: artificially synthesized primer sequence
45 <400> SEQUENCE: 2
46 cagttccttt gcagtaagat ccatc                                25
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 36
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <223> OTHER INFORMATION: artificially synthesized probe sequence
57 <220> FEATURE:
58 <221> NAME/KEY: misc_binding
59 <222> LOCATION: (1)..(1)
60 <223> OTHER INFORMATION: labeled with VIC
62 <220> FEATURE:
63 <221> NAME/KEY: misc_binding
64 <222> LOCATION: (36)..(36)

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65 <223> OTHER INFORMATION: labeled with TAMRA
67 <400> SEQUENCE: 3
68 ttgttgaagg tctccctatt aatgatttct cacgtg 36
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 21
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: artificially synthesized primer sequence
79 <400> SEQUENCE: 4
80 gcagactctg cgcttgagat c 21
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 20
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial
88 <220> FEATURE:
89 <223> OTHER INFORMATION: artificially synthesized primer sequence
91 <400> SEQUENCE: 5
92 gggctagtcg cacagacctc 20
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 26
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial
100 <220> FEATURE:
101 <223> OTHER INFORMATION: artificially synthesized probe sequence
103 <220> FEATURE:
104 <221> NAME/KEY: misc_binding
105 <222> LOCATION: (1)..(1)
106 <223> OTHER INFORMATION: labeled with FAM
108 <220> FEATURE:
109 <221> NAME/KEY: misc_binding
110 <222> LOCATION: (26)..(26)
111 <223> OTHER INFORMATION: labeled with TAMRA
113 <400> SEQUENCE: 6
114 aacaagcatc agcgttttcc agggct 26
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 19
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: artificially synthesized primer sequence
125 <400> SEQUENCE: 7
126 caaatggctg ccaaactgg 19
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 22
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial
134 <220> FEATURE:
135 <223> OTHER INFORMATION: artificially synthesized primer sequence

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137 <400> SEQUENCE: 8
138 ggattctttg ttcttccgca ct 22
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 31
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: artificially synthesized probe sequence
149 <220> FEATURE:
150 <221> NAME/KEY: misc_binding
151 <222> LOCATION: (1)..(1)
152 <223> OTHER INFORMATION: labeled with FAM
154 <220> FEATURE:
155 <221> NAME/KEY: misc_binding
156 <222> LOCATION: (31)..(31)
157 <223> OTHER INFORMATION: labeled with TAMRA
159 <400> SEQUENCE: 9
160 cgtttgcgag agaaggataa gcacattgaa g 31
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 24
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: artificially synthesized primer sequence
171 <400> SEQUENCE: 10
172 gacagcagtg gagaattgat gttt 24
175 <210> SEQ ID NO: 11
176 <211> LENGTH: 26
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial
180 <220> FEATURE:
181 <223> OTHER INFORMATION: artificially synthesized primer sequence
183 <400> SEQUENCE: 11
184 acaatttgag gacacttcat atttgc 26
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 22
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: artificially synthesized probe sequence
195 <220> FEATURE:
196 <221> NAME/KEY: misc_binding
197 <222> LOCATION: (1)..(1)
198 <223> OTHER INFORMATION: labeled with FAM
200 <220> FEATURE:
201 <221> NAME/KEY: misc_binding
202 <222> LOCATION: (22)..(22)
203 <223> OTHER INFORMATION: labeled with TAMRA
205 <400> SEQUENCE: 12

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206 tgaggcagac ttggtgctgg cg 22
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 24
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial
214 <220> FEATURE:
215 <223> OTHER INFORMATION: artificially synthesized primer sequence
217 <400> SEQUENCE: 13
218 gcatacaagt tggcaggaac atta 24
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 21
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial
226 <220> FEATURE:
227 <223> OTHER INFORMATION: artificially synthesized primer sequence
229 <400> SEQUENCE: 14
230 accacaagcc gatctccttc t 21
233 <210> SEQ ID NO: 15
234 <211> LENGTH: 27
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial
238 <220> FEATURE:
239 <223> OTHER INFORMATION: artificially synthesized probe sequence
241 <220> FEATURE:
242 <221> NAME/KEY: misc_binding
243 <222> LOCATION: (1)..(1)
244 <223> OTHER INFORMATION: labeled with FAM
246 <220> FEATURE:
247 <221> NAME/KEY: misc_binding
248 <222> LOCATION: (27)..(27)
249 <223> OTHER INFORMATION: labeled with TAMRA
251 <400> SEQUENCE: 15
252 catggcagtg attctgtgga gagtgca 27
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 21
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial
260 <220> FEATURE:
261 <223> OTHER INFORMATION: artificially synthesized primer sequence
263 <400> SEQUENCE: 16
264 agatgcggaa aaacttgacc a 21
267 <210> SEQ ID NO: 17
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial
272 <220> FEATURE:
273 <223> OTHER INFORMATION: artificially synthesized primer sequence
275 <400> SEQUENCE: 17
276 agtcagtctg ggtcccacca 20

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TIME: 15:42:25

Input Set : A:\82368-18.app

Output Set: N:\CRF4\01102005\J518938.raw

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279 <210> SEQ ID NO: 18
280 <211> LENGTH: 26
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial
284 <220> FEATURE:
285 <223> OTHER INFORMATION: artificially synthesized probe sequence
287 <220> FEATURE:
288 <221> NAME/KEY: misc_binding
289 <222> LOCATION: (1)..(1)
290 <223> OTHER INFORMATION: labeled with FAM
292 <220> FEATURE:
293 <221> NAME/KEY: misc_binding
294 <222> LOCATION: (26)..(26)
295 <223> OTHER INFORMATION: labeled with TAMRA
297 <400> SEQUENCE: 18
298 aagccatcag agagcatcag atggcc 26
301 <210> SEQ ID NO: 19
302 <211> LENGTH: 20
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial
306 <220> FEATURE:
307 <223> OTHER INFORMATION: artificially synthesized primer sequence
309 <400> SEQUENCE: 19
310 gcagcggttat acgcagagca 20
313 <210> SEQ ID NO: 20
314 <211> LENGTH: 19
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial
318 <220> FEATURE:
319 <223> OTHER INFORMATION: artificially synthesized primer sequence
321 <400> SEQUENCE: 20
322 acccacgatg agggcagag 19
325 <210> SEQ ID NO: 21
326 <211> LENGTH: 18
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial
330 <220> FEATURE:
331 <223> OTHER INFORMATION: artificially synthesized probe sequence
333 <220> FEATURE:
334 <221> NAME/KEY: misc_binding
335 <222> LOCATION: (1)..(1)
336 <223> OTHER INFORMATION: labeled with FAM
338 <220> FEATURE:
339 <221> NAME/KEY: misc_binding
340 <222> LOCATION: (18)..(18)
341 <223> OTHER INFORMATION: labeled with TAMRA
343 <400> SEQUENCE: 21
344 tgggcgcagg ccgtttgg 18

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/518,938

DATE: 01/10/2005  
TIME: 15:42:26

Input Set : A:\82368-18.app  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

## VERIFICATION SUMMARY

DATE: 01/10/2005

PATENT APPLICATION: US/10/518,938

TIME: 15:42:26

Input Set : A:\82368-18.app

Output Set: N:\CRF4\01102005\J518938.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date